BSc in Biomedical Sciences (BScBMS)
Recommended Study Plan For Normative 4-year Degree
For Students Admitted from Semester A 2022/23

Version as of 2022-03-09

Year 1 (2022/23) **Semester A**	**CUs**	**Semester B**	**CUs**
CHEM1300 Principles of General Chemistry *	3	PHY1400 Introductory Physics for Biologists*	3
CHEM1200 Discovery in Biology *#	3	BMS2004 Biochemistry	3
BMS1901 Calculus for Life Sciences	3	GE2401 English for Science ▲	3
GE1401 University of English ▲	3	GE1501 Chinese Civilization – History and Philosophy ▲	3
GE Distributional Requirements ∮	3	GE Distributional Requirements ∮	3
Total	15	*Total*	15
Year 2 (2023/24) **Semester A**	**CUs**	**Semester B**	**CUs**
BMS2001 Medical Microbiology	3	BMS2002 Pathophysiology	3
BMS2005 Human Physiology	3	BMS2003 Clinical Chemistry	3
BMS2007 Human Anatomy	3	BMS2201 Molecular Biology of the Cell	3
BMS2008 Hematology I	3	BMS2901 Introductory Biostatistics and Data Analysis	3
GE Distributional Requirements ∮	3	BMS3004 Advanced Medical Microbiology	3
		BMS3008 Modern Medical Laboratory Techniques and Instrumentation	3
Total	15	*Total*	18
Year 3 (2024/25) **Semester A**	**CUs**	**Semester B**	**CUs**
BMS3002 Cellular Pathology	3	BMS3005 Medical Genetics	3
BMS3003 Advanced Clinical Chemistry	3	BMS3006 Transfusion Science and Technology	3
BMS3011 Hematology II	3	BMS3007 Good Lab Practice, Safety, Regulatory Compliance, and Ethical, Legal and Social Issues	3
BMS4005 Medical Virology	3	BMS4004 Advanced Cellular Pathology	3
GE Distributional Requirements ∮	3	BMS4008 Clinical Immunology	3
Total	15	*Total*	15
Year 4 (2025/26) **Semester A**	**CUs**	**Semester B**	**CUs**
BMS4001 Medical Informatics and Laboratory Management	3	BMS3009 Clinical Laboratory/Industrial Attachment◆	9
BMS4002 Public Health and Emerging Infectious Diseases	3	BMS4006 Final Year Project: Medical Laboratory Research ◘	3
BMS4003 Clinical Biochemistry and Molecular Diagnostics	3		
BMS4006 Final Year Project: Medical Laboratory Research ◘	3 (IP)		
BMS4007 Pharmacology and Toxicology	3		
Total	15	*Total*	12
Minimum number of credit units required: 120			

Note: **(1) Students should pay special attention to the prerequisite of courses as specified in the syllabuses**
(2) The curriculum information is subject to periodic review and changes.
(3) Some Clinical Laboratory/Industrial Attachment opportunities will be open in Year-3 Summer for students' application and participation.
(4) Please expect that you might start your final year project from Year-3 Summer, as you will be occupied for the Clinical Laboratory/Industrial Attachment assigned in Year-4 Semester B.

\# Students who intend to choose the BMS major are advised to take CHEM1200 in the first year which is a prerequisite for a core course schedule in Year 2 Semester A.

▲ **Gateway Education – University Requirements (9 Credit Units)** – Students are recommended to register in these courses in their first year of study or as soon as possible.

✱ **Gateway Education – College/School-specified Requirements (9 Credit Units)**

∮ **Gateway Education – Distributional Requirements (12 Credit Units)** ***minimum 3 credit units from each area:***
Area 1: Arts and Humanities; Area 2: Study of Societies, Social and Business Organizations; Area 3: Science and Technology

◘ Timeslot and allocation of the Final Year Project may be subject to change.

◆ Timeslot and allocation of the Clinical Laboratory/Industrial Attachment are subject to change according to host lab availability.

IP "In Progress" for a year-long course

Degree Requirements	**Normative 4-year Degree**
Gateway Education requirement	30 credit units
College/School requirement	Not applicable
Major requirement	90 credit units (Core: 90 + Elective: 0)
Free electives / Minor (if applicable)	Remainder to fulfill the credit requirement for graduation, if any.
Minimum number of credit units required for the award	120 credit units